

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("3298792").PN.	USPAT	OR	OFF	2006/09/27 17:11
S2	87856	compressor	USPAT	OR	OFF	2005/01/19 17:14
S3	584023	cooling cooler cools cool	USPAT	OR	OFF	2005/01/19 17:15
S4	128166	circulation	USPAT	OR	OFF	2005/01/19 17:15
S5	521	S2 with S3 with S4	USPAT	OR	OFF	2005/01/19 17:15
S6	40340	fluidized	USPAT	OR	OFF	2005/01/19 17:15
S7	11	S5 and S6	USPAT	OR	OFF	2005/01/19 17:15
S8	5	("3848016" "5728353" "5942194").PN. OR ("6413477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/19 17:20
S9	43886	distributor	USPAT	OR	OFF	2005/01/19 17:20
S10	956970	plate	USPAT	OR	OFF	2005/01/19 17:21
S11	236237	surface adj area	USPAT	OR	OFF	2005/01/19 17:21
S12	1790	S9 adj S10	USPAT	OR	OFF	2005/01/19 17:21
S13	17	S11 with S12	USPAT	OR	OFF	2005/01/19 17:21
S14	4	S6 and S13	USPAT	OR	OFF	2005/01/19 17:22
S15	9035	S10 with S11	USPAT	OR	OFF	2005/01/19 17:22
S16	159	S6 and S15	USPAT	OR	OFF	2005/01/19 17:22
S17	2	S2 and S3 and S16	USPAT	OR	OFF	2005/01/19 17:25
S18	101253	grid	USPAT	OR	OFF	2005/01/19 17:26
S19	33037	open adj (space area)	USPAT	OR	OFF	2005/01/19 17:25
S20	357	S18 with S19	USPAT	OR	OFF	2005/01/19 17:25
S21	30	S6 and S20	USPAT	OR	OFF	2005/01/19 17:25
S22	2	S3 and S4 and S21	USPAT	OR	OFF	2005/01/19 17:25
S23	710977	gas	USPAT	OR	OFF	2005/01/19 17:26
S24	14	S18 with S23 with S19	USPAT	OR	OFF	2005/01/19 17:46
S25	6	S6 and S24	USPAT	OR	OFF	2005/01/19 17:27
S26	2	S18 with S6 with S19	USPAT	OR	OFF	2005/01/19 17:46
S27	3	(("6559087") or ("6649709") or ("6683022")).PN.	USPAT	OR	OFF	2005/01/19 18:09
S28	1141504	plate mesh grid	USPAT	OR	OFF	2005/01/21 19:02
S29	1163953	open	USPAT	OR	OFF	2005/01/21 19:02
S30	1827875	area space	USPAT	OR	OFF	2005/01/21 19:02
S31	9345	S28 with S29 with S30	USPAT	OR	OFF	2005/01/21 19:02
S32	41570	fluidize fluidized	USPAT	OR	OFF	2005/01/21 19:02
S33	168241	bed	USPAT	OR	OFF	2005/01/21 19:02

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S34	28632	S32 adj S33	USPAT	OR	OFF	2005/01/21 19:02
S35	184	S31 and S34	USPAT	OR	OFF	2005/01/21 19:04
S36	62517	polymerizing polymerize	USPAT	OR	OFF	2005/01/21 19:04
S37	12	S35 and S36	USPAT	OR	OFF	2005/01/21 19:04
S38	87856	compressor	USPAT	OR	OFF	2005/01/24 10:14
S39	62852	flap	USPAT	OR	OFF	2005/01/24 10:14
S40	532423	holes	USPAT	OR	OFF	2005/01/24 10:14
S41	4	S38 with S39 with S40	USPAT	OR	OFF	2005/01/24 10:18
S42	150294	reactor	USPAT	OR	OFF	2005/01/24 10:18
S43	0	S42 with S39 with S40	USPAT	OR	OFF	2005/01/24 10:19
S44	418371	particles	USPAT	OR	OFF	2005/01/24 10:19
S45	1	S39 with S40 with S44	USPAT	OR	OFF	2005/01/24 10:19
S46	466983	valve	USPAT	OR	OFF	2005/01/24 10:19
S47	14578	S40 with S46	USPAT	OR	OFF	2005/01/24 10:19
S48	82	S44 with S47	USPAT	OR	OFF	2005/01/24 10:19
S49	0	S42 same S48	USPAT	OR	OFF	2005/01/24 10:20
S50	1	S42 and S48	USPAT	OR	OFF	2005/01/24 10:21
S51	112892	flap	USPAT; USOCR	OR	OFF	2005/01/24 10:21
S52	1287271	holes slots	USPAT; USOCR	OR	OFF	2005/01/24 10:21
S53	6759	S51 with S52	USPAT; USOCR	OR	OFF	2005/01/24 10:22
S54	205482	reactor	USPAT; USOCR	OR	OFF	2005/01/24 10:22
S55	1661178	particles solid solids	USPAT; USOCR	OR	OFF	2005/01/24 10:22
S56	0	S53 with S54	USPAT; USOCR	OR	OFF	2005/01/24 10:22
S57	46	S55 with S53	USPAT; USOCR	OR	OFF	2005/01/24 10:26
S58	0	S54 and S57	USPAT; USOCR	OR	OFF	2005/01/24 10:23
S59	858297	valve	USPAT; USOCR	OR	OFF	2005/01/24 10:26
S60	7042	S51 adj S59	USPAT; USOCR	OR	OFF	2005/01/24 10:26
S61	152	S52 with S60	USPAT; USOCR	OR	OFF	2005/01/24 10:28
S62	0	S54 and S61	USPAT; USOCR	OR	OFF	2005/01/24 10:27

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S63	0	S55 with S61	USPAT; USOCR	OR	OFF	2005/01/24 10:27
S64	136246	compressor	USPAT; USOCR	OR	OFF	2005/01/24 10:28
S65	0	S61 and S62	USPAT; USOCR	OR	OFF	2005/01/24 10:28
S66	5	S61 and S64	USPAT; USOCR	OR	OFF	2005/01/24 10:28
S67	77311	fluidize fluidized	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:20
S68	901916	inlet	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:20
S69	145919	flap	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:20
S70	1879	S68 near4 S69	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:20
S71	10	S67 same S70	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:22
S72	1318260	valve	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:22
S73	8267	S69 adj S72	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:22
S74	1822660	holes orifices slots	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:22
S75	236	S73 with S74	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:23
S76	5	S67 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:23

EAST Search History

S77	28066	S72 near5 S74	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:24
S78	144	S67 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:24
S79	2653	S68 with S77	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:24
S80	9	S67 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:26
S81	247719	slotted	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:26
S82	512	S68 near3 S81	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:26
S83	2	S67 same S82	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:26
S84	10	S67 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:27
S85	1765719	valve flap door	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:27
S86	5402	S81 near6 S85	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:28
S87	19	S67 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:31
S88	3543008	gas air	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:31

EAST Search History

S89	1029028	feed	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:31
S90	509	S69 near3 S89	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:31
S91	6	S67 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:32
S92	149	jet adj S69	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:33
S93	0	S67 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:50
S94	99293	S85 with (S81 S74)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:51
S95	82499	fluidize fluidizing fluidized	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:51
S96	456	S94 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:51
S97	7560	S68 with S94	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:52
S98	44	S95 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:59
S99	829181	slide	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:59
S100	25542	S72 near2 S99	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:59

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S10 1	922	S67 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:59
S10 2	3008	S68 with S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 19:59
S10 3	76	S67 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 20:00
S10 4	1103	S100 with (S74 or S81)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 20:00
S10 5	10	S67 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/08/11 20:00
S10 6	892398	distributor distribution distributing	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:09
S10 7	1632068	plate grid mesh	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:52
S10 8	17949	S106 near3 S107	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:09
S10 9	3407383	area open space spaces	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:10
S11 0	385364	S109 with (S106 S107)	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:10
S11 1	9141	S108 and S110	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:11
S11 2	54586	fluidized	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:11
S11 3	911	S111 and S112	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:11
S11 4	123877	compressor	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:11
S11 5	231	S113 and S114	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:11
S11 6	239571	polymerization	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:50
S11 7	146	S115 and S116	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:14
S11 8	865083	percent percentage	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:14

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S11 9	65434	S109 with S118	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:27
S12 0	13	S119 and S117	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:27
S12 1	6	("4877587").PN. OR ("5627243"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 15:27
S12 2	180266	perforation orifices perforations	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:27
S12 3	1548	S122 with S118	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:27
S12 4	0	S123 and S117	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:27
S12 5	1163	S112 with S106 with S107	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:28
S12 6	77	S125 and (S119 or S123)	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:28
S12 7	21	S116 and S126	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:33
S12 8	0	("4,484,933.").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:33
S12 9	1	("4484933").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:34
S13 0	1026838	gas	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:34
S13 1	2780	S130 near3 S106 near3 S107	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:34
S13 2	614990	50%	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:35
S13 3	8910	S107 with S132	US-PGPUB; USPAT	OR	OFF	2006/09/27 15:35
S13 4	36	S131 and S133	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:26
S13 5	4123825	large high greater	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:26
S13 6	14637	S135 with S106 with S109	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:27
S13 7	1532	(S116 or S112) and S136	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:32
S13 8	161	(S116 and S112) and S136	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:39
S13 9	3430255	S122 or S109	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:39

EAST Search History

S14 0	23424	distribution.ti. distributor.ti. distributing.ti.	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:39
S14 1	54875	plate.ti. grid.ti. mesh.ti. cap.ti.	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:40
S14 2	326	S140 and S141	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:44
S14 3	60238	S112 or fluidization fluidizing	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:40
S14 4	20	S142 and S143	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:44
S14 5	18	S140 and baffle.ti.	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:44
S14 6	902	"652" and S143	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:44
S14 7	1	S145 and S143	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:44
S14 8	26087	open adj area	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:45
S14 9	1654465	plate grid mesh baffle	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:45
S15 0	3471	S148 with (S149 or S106)	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:46
S15 1	198	S143 and S150	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:50
S15 2	251089	polymerization polymerizing	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:50
S15 3	17	S151 and S152	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:50
S15 4	67622	obstruct obstructs obstructing	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:52
S15 5	3224	S107 with S154	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:57
S15 6	52	S143 and S155	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:59
S15 7	361415	surface adj area	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:56
S15 8	18365	S107 with S157	US-PGPUB; USPAT	OR	OFF	2006/09/27 17:00
S15 9	748	S143 and S158	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:59
S16 0	131	S152 and S159	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:59
S16 1	481	S107 with S157 with S106	US-PGPUB; USPAT	OR	OFF	2006/09/27 17:00

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S16 2	20	S160 and S161	US-PGPUB; USPAT	OR	OFF	2006/09/27 17:00
S16 3	563315	gas	EPO; JPO	OR	OFF	2006/09/27 17:13
S16 4	204954	distributor distribution distributing	EPO; JPO	OR	OFF	2006/09/27 17:14
S16 5	856551	mesh grate baffle plate grid	EPO; JPO	OR	OFF	2006/09/27 17:14
S16 6	833	S163 with S164 with S165	EPO; JPO	OR	OFF	2006/09/27 17:12
S16 7	2157	open adj (space or area)	EPO; JPO	OR	OFF	2006/09/27 17:15
S16 8	1	S166 and S167	EPO; JPO	OR	OFF	2006/09/27 17:12
S16 9	27855	percent percentage percentages	EPO; JPO	OR	OFF	2006/09/27 17:12
S17 0	4	S166 and S169	EPO; JPO	OR	OFF	2006/09/27 17:13
S17 1	1366816	gas	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:14
S17 2	1080410	distributor distribution distributing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:14
S17 3	2625525	mesh grate baffle plate grid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:14
S17 4	7824	S171 with S172 with S173	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:15
S17 5	0	S167 with S174	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:15
S17 6	61387	open adj (space or area)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:15
S17 7	30	S176 with S174	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:24
S17 8	1	("4877587").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 17:26
S17 9	1	fi-91971-\$..did.	EPO; DERWENT	OR	OFF	2006/09/27 17:28
S18 0	1	1993-322336.NRAN.	DERWENT	OR	OFF	2006/09/27 17:28

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S18 1	0	fi-921632-\$.did.	EPO; DERWENT	OR	OFF	2006/09/27 17:28
S18 2	3	"5395595"	US-PGPUB; USPAT	OR	OFF	2006/09/27 17:29
S18 3	18	("2664346" "2891846" "2931711" "3737288" "4366123" "4685809" "4725409" "4755358" "4796691" "4817563" "4877587" "4967688" "5102628").PN. OR ("5395595").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 17:29